Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102320\
Data File : VU040930.D
Acq On : 23 Oct 2020 12:04
Operator : SY/MD
Sample : VU1023WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Manual Integrations APPROVED
MMDadoda
10/26/2020 4:24:16 PM

Quant Time: Oct 24 06:44:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:07:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.13	96	54420	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	18413	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	21009	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	49509	1.951	ug/l		97
3) Chloromethane	1.53	50	54291	2.052	ug/l		95
4) Vinyl Chloride	1.61	62	50721	2.059	ug/l		99
5) Bromomethane	1.87	94	30327	2.095	ug/l		99
6) Chloroethane	1.94	64	30269	2.010	ug/l		97
7) Trichlorofluoromethane	2.15	101	63305	2.034	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	35653	2.060	ug/l		98
9) 1,1-Dichloroethene	2.59	96	31243	2.073	ug/l		97
10) Iodomethane	2.74	142	30053	1.968	ug/l		99
11) Allyl Chloride	2.94	41	61997	1.998	ug/l		98
12) Acrylonitrile	3.34	53	22654	4.264	ug/l	#	93
13) Acetone	2.66	43	51917	11.675	ug/l		98
14) Carbon Disulfide	2.81	76	116571	2.058	ug/l		98
15) Methylene Chloride	3.06	84	37694	1.926	ug/l		98
16) trans-1,2-Dichloroethene	3.37	96	36121	2.118	ug/l		91
17) 1,1-Dichloroethane	3.89	63	73710	2.113	ug/l		100
18) 2-Butanone	4.75	43	78718	10.943	ug/l		97
19) Cyclohexane	5.40	56	65108m	1.983	ug/l		
20) Methylcyclohexane	6.77	83	41757	1.700	ug/l		93
21) 2,2-Dichloropropane	4.68	77	61870	2.100	ug/l		99
22) cis-1,2-Dichloroethene	4.69	96	36964	2.031	ug/l		97
23) Diethyl Ether	2.39	59	29181	1.961	ug/l		92
24) tert-Butyl Alcohol	3.32	59	20239m	12.192	ug/l		
25) Methyl tert-Butyl Ether	3.38	73	93165	1.993	ug/l		97
26) Bromochloromethane	4.99	128	16928	2.140	ug/l		91
27) Chloroform	5.11	83	69957	2.098	ug/l		98
28) 1,1,1-Trichloroethane	5.33	97	57858	2.013	ug/l		96
29) 1,1-Dichloropropene	5.54	75	49433	1.963	ug/l		99
30) Carbon Tetrachloride	5.53	117	52419	2.015	ug/l		97
31) Isopropyl Ether	4.02	45	105262	1.951	ug/l		96
32) Ethyl-t-butyl ether	4.53	59	93066	1.959	ug/l		100
33) Tert-Amyl methyl ether	5.97	73	61926	1.750	ug/l		98
34) Propionitrile	4.83	54	21851	11.063	ug/l	#	73
35) Benzene	5.79	78	136418	1.954	ug/l		100
36) 1,2-Dichloroethane	5.81	62	53030	2.049	ug/l		96
37) Trichloroethene	6.55	130	32195	1.951	ug/l		98
38) 1,2-Dichloropropane	6.80	63	39684	2.003	ug/l		98
39) Methacrylonitrile	5.01	41	16778	1.812	ug/l	#	89
40) Methyl acrylate	4.87	55	26888	2.118	ug/l	#	95
41) Tetrahydrofuran	5.10	42	19635	4.122	ug/l		98
42) 1-Chlorobutane	5.47	56	75286	1.977	ug/l		96

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ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 06:44:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:07:33 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VU1023WBS01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.93	93	22384	2.016	ug/l		97
44) Bromodichloromethane	7.12	83	51926	2.015	ug/l		96
45) 4-Methyl-2-Pentanone	7.81	43	132085	9.063	ug/l		96
46) t-1,4-Dichloro-2-butene	10.83	75	17808m	3.090	ug/l		
47) Methyl methacrylate	6.98	69	31729	3.423	ug/l		96
48) Ethyl methacrylate	8.34	69	25647	1.645	ug/l		97
49) Toluene	7.98	92	69393	1.807	ug/l		92
50) t-1,3-Dichloropropene	8.22	75	41627	1.869	ug/l		95
51) cis-1,3-Dichloropropene	7.62	75	45161	1.850	ug/l		98
52) 1,1,2-Trichloroethane	8.41	97	29471	2.100	ug/l		97
53) 1,3-Dichloropropane	8.58	76	47723	1.894	ug/l		98
54) 2-Hexanone	8.70	43	93508	9.184	ug/l		94
55) Dibromochloromethane	8.82	129	33615	1.997	ug/l		94
56) 1,2-Dibromoethane	8.93	107	25533	1.962	ug/l		99
58) Tetrachloroethene	8.56	164	28709	1.861	ug/l		93
59) Chlorobenzene	9.45	112	73269	1.803	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.54	131	32049	2.007	ug/l		99
61) Pentachloroethane	11.42	117	25404	1.969	ug/l		99
62) Hexachloroethane	12.47	117	26102	1.988	ug/l		97
63) Ethyl Benzene	9.57	91	112002	1.664	ug/l		97
64) m/p-Xylenes	9.69	106	87685	3.311	ug/l		98
65) o-Xylene	10.10	106	41782	1.767	ug/l		99
66) Styrene	10.11	104	71896	1.684	ug/l		98
67) Bromoform	10.29	173	17461	1.917	ug/l		96
69) Isopropylbenzene	10.48	105	106722	1.693	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.78	83	39049	2.045	ug/l		99
71) 1,2,3-Trichloropropane	10.83	75	34129m	2.344	ug/l		
72) Bromobenzene	10.78	156	31997	1.946	ug/l		97
73) n-propylbenzene	10.90	120	31105	1.682	ug/l		92
74) 2-Chlorotoluene	10.99	126	30926	1.890	ug/l		98
75) 1,3,5-Trimethylbenzene	11.09	105	99300	1.714	ug/l		100
76) 4-Chlorotoluene	11.10	126	33358	1.967	ug/l		93
77) tert-Butylbenzene	11.42	119	95590	1.794	ug/l		100
78) 1,2,4-Trimethylbenzene	11.46	105	102836	1.716	ug/l		99
79) sec-Butylbenzene	11.64	105	136445	1.844	ug/l		99
80) Nitrobenzene	13.20	77	9774	10.822	ug/l	#	91
81) p-Isopropyltoluene	11.79	119	112885	1.812	ug/l		98
82) 1,3-Dichlorobenzene	11.74	146	75232	2.098	ug/l		100
83) 1,4-Dichlorobenzene	11.83	146	75163	2.073	ug/l		98
84) n-Butylbenzene	12.20	91	114078	1.842	ug/l		97
85) 1,2-Dichlorobenzene	12.21	146	69565	2.028	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	7032	1.972	ug/l		88
87) 1,2,4-Trichlorobenzene	13.83	180	36586	1.820	ug/l		96
88) Hexachlorobutadiene	14.01	225	24491	2.170	ug/l		97
89) Naphthalene	14.08	128	57608	1.773	ug/l		99
90) 1,2,3-Trichlorobenzene	14.32	180	34346	1.756	ug/l		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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